

WE CLAIM:

1. A flexible carrier for carrying a plurality of containers, comprising a flexible sheet and a plurality of primary apertures formed in the sheet for receiving portions of the containers, the flexible sheet comprising a polymer composition which includes:

about 50-99% by weight of a low density polyethylene polymer having a density of about 0.910-0.950 grams/cm³; and

about 1-50% by weight of a single-site catalyzed ethylene-alpha olefin copolymer plastomer having a density of about 0.850-0.905 grams/cm³.

2. The flexible carrier of Claim 1, wherein the low density polyethylene polymer comprises a branched low density polyethylene polymer prepared using a high pressure polymerization process.

3. The flexible carrier of Claim 1, wherein the low density polyethylene polymer comprises a polyethylene homopolymer.

4. The flexible carrier of Claim 1, wherein the low density polyethylene polymer comprises ethylene and another alpha-olefin comonomer.

5. The flexible carrier of Claim 1, wherein the low density polyethylene polymer comprises a carbon monoxide comonomer.

6. The flexible carrier of Claim 1, comprising not less than two and not more than twelve of the primary apertures.

7. The flexible carrier of Claim 1, wherein the low density polyethylene polymer has a density of about 0.920-0.940 grams/cm³.

8. The flexible carrier of Claim 1, wherein the low density polyethylene polymer has a density of about 0.925-0.935 grams/cm³.

9. The flexible carrier of Claim 1, wherein the single-site catalyzed ethylene-alpha olefin copolymer plastomer comprises an alpha-olefin comonomer having 3-12 carbon atoms.

10. The flexible carrier of Claim 8, wherein the alpha-olefin comonomer has 4-8 carbon atoms.

11. The flexible carrier of Claim 1, wherein the single-site catalyzed ethylene-alpha olefin copolymer plastomer has a density of about 0.865-0.895 grams/cm³.

12. The flexible carrier of Claim 1, wherein the single-site catalyzed ethylene-alpha olefin copolymer plastomer has a density of about 0.880-0.890 grams/cm³.

13. The flexible carrier of Claim 1, wherein the polymer composition comprises about 70-97% by weight of the low density polyethylene polymer and about 3-30% by weight of the single-site catalyzed ethylene-alpha olefin copolymer plastomer.

14. The flexible carrier of Claim 1, wherein the polymer composition comprises about 80-95% by weight of the low density polyethylene polymer and about 5-20% by weight of the single-site catalyzed ethylene-alpha olefin copolymer plastomer.

15. A flexible carrier for carrying a plurality of containers, comprising a flexible sheet and a plurality of primary apertures formed in the sheet for receiving portions of the containers, the flexible sheet comprising a polymer composition which includes:

about 50-99% by weight of an ethylene-carbon monoxide copolymer;

and

about 1-50% by weight of a single-site catalyzed ethylene-alpha olefin copolymer plastomer having a density of about 0.850-0.905 grams/cm³.

16. The flexible carrier of Claim 15, wherein the ethylene-carbon monoxide copolymer comprises about 0.1-20% by weight carbon monoxide.

17. The flexible carrier of Claim 15, wherein the ethylene-carbon monoxide copolymer comprises about 0.5-10% by weight carbon monoxide.

18. The flexible carrier of Claim 15, wherein the ethylene-carbon monoxide copolymer comprises about 1-4% by weight carbon monoxide.

19. The flexible carrier of Claim 15, wherein the ethylene-carbon monoxide copolymer includes only ethylene and carbon monoxide comonomers.

20. The flexible carrier of Claim 15, wherein the ethylene-carbon monoxide copolymer further includes another alpha-olefin comonomer.

21. The flexible carrier of Claim 15, wherein the single-site catalyzed ethylene-alpha olefin copolymer plastomer comprises an alpha-olefin comonomer having 3-12 carbon atoms.

22. The flexible carrier of Claim 21, wherein the alpha-olefin comonomer has 4-8 carbon atoms.

23. The flexible carrier of Claim 21, wherein the plastomer comprises about 5-30% by weight of the alpha-olefin comonomer having 3-12 carbon atoms.

24. The flexible carrier of Claim 21, wherein the plastomer comprises about 10-25% by weight of the alpha-olefin comonomer having 3-12 carbon atoms.

25. The flexible carrier of Claim 15, comprising not less than two and not more than twelve of the primary apertures.

26. A flexible carrier for carrying a plurality of containers, comprising a flexible sheet and a plurality of primary apertures formed in the sheet for receiving portions of the containers, the flexible sheet comprising a polymer composition which includes:

about 50-99% of a branched low density polyethylene polymer produced by a high pressure process; and

about 1-50% by weight of a single-site catalyzed ethylene-alpha olefin copolymer plastomer having a density of about 0.850-0.905 grams/cm³.

27. The flexible carrier of Claim 26, wherein the branched low density polyethylene polymer comprises an ethylene-carbon monoxide copolymer.

28. The flexible carrier of Claim 26, wherein the single-site catalyzed ethylene-alpha olefin copolymer plastomer further includes a carbon monoxide comonomer.

29. The flexible carrier of Claim 26, further comprising an ethylene-carbon monoxide copolymer.

30. The flexible carrier of Claim 26, wherein the low density polyethylene polymer has a density of about 0.910-0.950 grams/cm³.

31. The flexible carrier of Claim 26, wherein the low density polyethylene polymer has a melt index of about 0.2-3.0 grams/10 min.

32. The flexible carrier of Claim 26, wherein the low density polyethylene polymer has a melt index of about 0.3-1.5 grams/10 min.

33. The flexible carrier of Claim 26, wherein the low density polyethylene polymer has a melt index of about 0.4-0.7 grams/10 min.

34. The flexible carrier of Claim 26, wherein the plastomer has a melt index of about 0.3-10 grams/10 min.

35. The flexible carrier of Claim 26, wherein the plastomer has a melt index of about 0.5-5 grams/10 min.

36. The flexible carrier of Claim 26, wherein the plastomer has a melt index of about 0.8-1.3 grams/10 min.

37. The flexible carrier of Claim 26, comprising not less than two and not more than twelve of the primary apertures.